

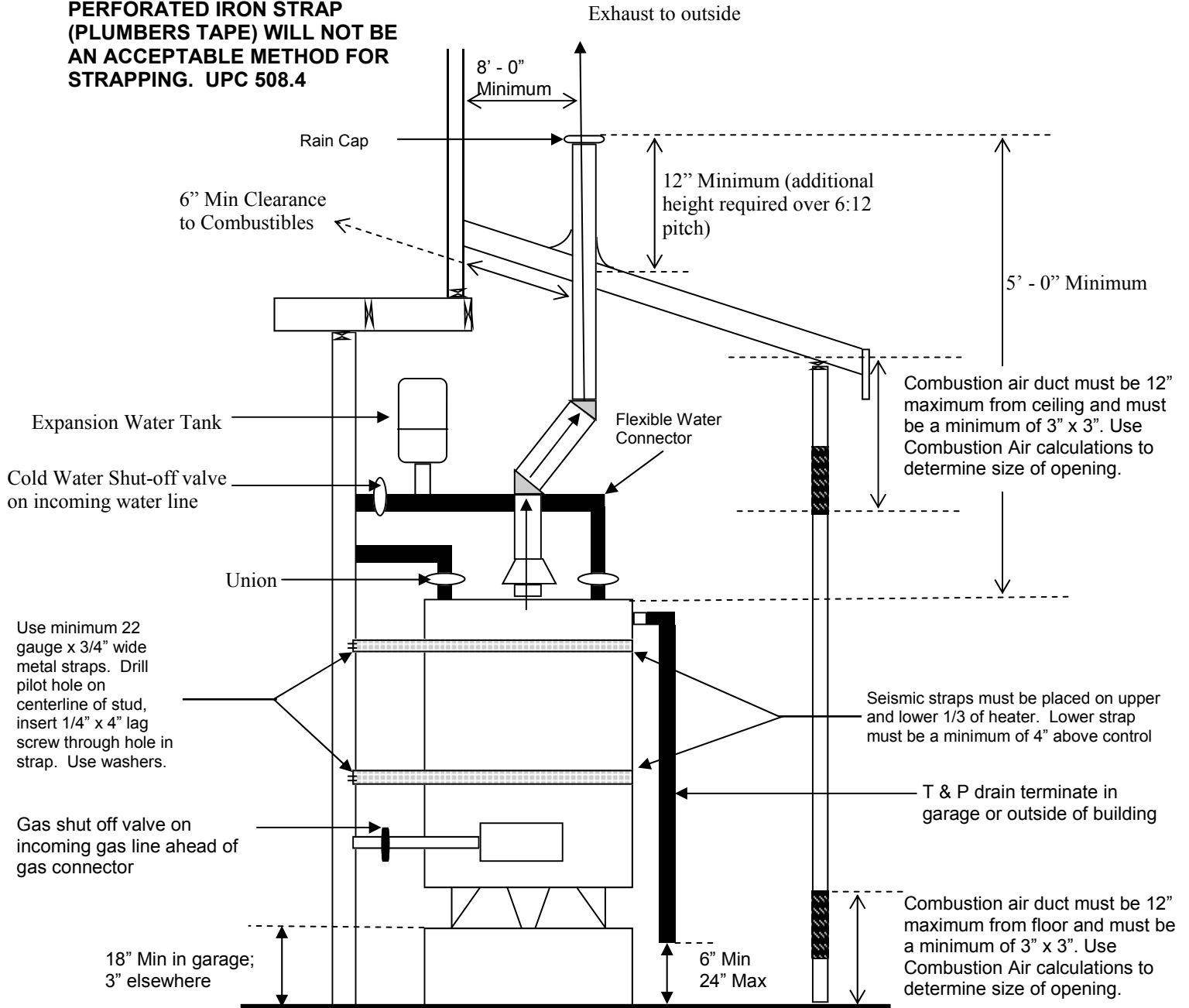


PLANNING BUILDING AND PUBLIC WORKS DEPARTMENT

WATER
HEATER
INSTALLATION
HANDOUT
BH - 002

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NOTE:
PERFORATED IRON STRAP
(PLUMBERS TAPE) WILL NOT BE
AN ACCEPTABLE METHOD FOR
STRAPPING. UPC 508.4



- 2006 UPC requires that all water heaters be strapped to resist motion during an earthquake. UPC 510.5 states that water heaters must be strapped in at least 2 places; upper and lower 1/3 of the tank and the lower strap must be at least 4 inches above the controls.
- Expansion tanks are required with closed plumbing systems per UPC section 608.3
- Insulation is required on all hot water pipes.
- If wall studs are not properly located to allow adequate anchorage, attach min. 2x4 cross brace to studs with 1/4" x 4" lag screw and washers. Then attach anchor strap to cross brace with lag screw and washers. UPC 508.2
- Provide protective steel or concrete bollard if water heater is placed in front of a parking stall. Provide adequate anchorage to floor.
- Provide 6 inches of clearance from exhaust pipe to combustibles.
- Provide solid blocking between wall and tank.